



Docket No.: PB515P1C1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Gil H. Choi

Application No.: 10/712,713

Confirmation No.:

Filed: November 14, 2003

Art Unit: 1645

For: 37 STAPHYLOCOCCUS AUREUS GENES  
AND POLYPEPTIDES

Examiner: J. E. Graser

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of only those references listed below is attached:

Cite No.	For. Doc No.	Ctry	Publication Date
AD	EP 0 899 123 (abstract)	EP	January 7, 1999
AF	EP 0 841 394	EP	May 13, 1998
AG	WO 99/18122	IB	April 15, 1999

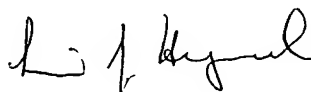
Cite No.	Other Documents
AH	LOWE, et al., EMBL Database Accession No. AF034076, "Staphylococcus aureus UDP-N-acetylmura moyl-L- alanine synthetase" (November 27, 1997)
AI	Supplementary Partial European Search Report for European Application No. EP 00 961 415.7 (February 12, 2004)

Those patent(s) or publication(s) which are marked with a double asterisk (\*\*) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in prior application number 10/084,205, filed February 28, 2002 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 08-3425. A duplicate copy of this paper is enclosed.

Dated: March 3, 2004

Respectfully submitted,

By 

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/712,713-Conf. #9281
				Filing Date	November 14, 2003
				First Named Inventor	Gil H. Choi
				Art Unit	1645
				Examiner Name	J. E. Graser
Sheet	1	of	1	Attorney Docket Number	PB515P1C1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA**	US-6,037,123	03-14-2000	Benton et al.	
	AB**	US-6,228,588	05-08-2001	Benton et al.	
	AC**	US-6,187,541	02-13-2001	Benton et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	AD	EP-EP 0 899 123 (abstract)	01-07-1999			
	AE**	EP-EP 0 786 519	07-30-1997			
	AF	EP-EP 0 841,394	05-13-1998			
	AG	WO-WO 99/18122	04-15-1999			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	AH	LOWE, et al., EMBL Database Accession No. AF034076, "Staphylococcus aureus UDP-N-acetyl muramoyl-L-alanine synthetase" (November 27, 1997)		
	AI	Supplementary Partial European Search Report for European Application No. EP 00 961 415.7 (February 12, 2004)		
	AJ**	ITOH, et al., Genbank Accession No. AV238898 which corresponds to Proc.Natl.Acad.Sci. 95(7):3455-3460 (1998)		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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